

1. A hammer-operated stapling apparatus for driving staples, comprising a magazine; a staple rail removably provided in said magazine for supporting a supply of staples of selected size; a follower slidably provided in said magazine for contacting the staples; a spring engaging said follower for biasing said follower against the staples; a head apparatus provided on one end of said magazine for receiving the staples in sequence; and a plunger reciprocally mounted in said head apparatus for contacting the staples and driving the staples in sequence from said head apparatus responsive to a force applied to said plunger.

2. The hammer-operated stapling apparatus of claim 1 comprising means engaging said staple rail and said magazine for removably mounting said staple rail in said magazine.

3. The hammer-operated stapling apparatus of claim 1 comprising a plunger spring provided on said plunger for urging said plunger away from said head apparatus.

4. The hammer-operated stapling apparatus of claim 1 comprising:

(a) means engaging said staple rail and said magazine for removably mounting said staple rail in said magazine; and

(b) a plunger spring provided on said plunger for urging said plunger away from said head apparatus.

5. The hammer-operated stapling apparatus of claim 1 comprising a handle attached to said head apparatus for positioning said head apparatus while driving the staples from said head apparatus.

6. The hammer-operated stapling apparatus of claim 5 comprising a hand guard provided on said handle for shielding the hand from said force applied to said plunger.

7. The hammer-operated stapling apparatus of claim 5 comprising means engaging said staple rail and said magazine for removably mounting said staple rail in said magazine.

8. The hammer-operated stapling apparatus of claim 5 comprising a plunger spring provided on said plunger for urging said plunger away from said head apparatus.

9. The hammer-operated stapling apparatus of claim 5 comprising:

(a) means engaging said staple rail and said magazine for removably mounting said staple rail in said magazine; and

(b) a plunger spring provided on said plunger for urging said plunger away from said head apparatus.

10. The hammer-operated stapling apparatus of claim 9 comprising a hand guard provided on said handle for shielding the hand from said force applied to said plunger.

11. The hammer-operated stapling apparatus of claim 1 wherein said head apparatus comprises a back head carried by said magazine for receiving the staples in sequence; a front head spaced from said back head; and a pair of spaced-apart staple gauge spacers interposed between said back head and said front head to define a staple staging space for receiving said plunger and accommodating the staples in sequence prior to application of said force to said plunger.

12. The hammer-operated stapling apparatus of claim 11 comprising means engaging said staple rail and said magazine for removably mounting said staple rail in said magazine.

13. The hammer-operated stapling apparatus of claim 11 comprising a plunger spring provided on said plunger for urging said plunger away from said head apparatus.

14. The hammer-operated stapling apparatus of claim 11 comprising a handle attached to said head apparatus for positioning said head apparatus while driving the staples from said head apparatus.

15. The hammer-operated stapling apparatus of claim 11 comprising:

(a) means engaging said staple rail and said magazine for removably mounting said staple rail in said magazine;

(b) a plunger spring provided on said plunger for urging said plunger away from said head apparatus; and

(c) a handle attached to said head apparatus for positioning said head apparatus while driving the staples from said head apparatus.

16. The hammer-operated stapling apparatus of claim 15 comprising a hand guard provided on said handle for shielding the hand from said force applied to said plunger.

17. The hammer-operated stapling apparatus of claim 1 comprising a magazine cover pivotally carried by said magazine for closing said magazine and enclosing the staples on said staple rail.

18. The hammer-operated stapling apparatus of claim 17 comprising a spacer removably mounted on said magazine cover and spaced from the staples for stabilizing the staples on said staple rail.

19. The hammer-operated stapling apparatus of claim 18 comprising means engaging said staple rail and said magazine for removably mounting said staple rail in said magazine.

20. The hammer-operated stapling apparatus of claim 18 comprising a plunger spring provided on said plunger for urging said plunger away from said head apparatus.

21. The hammer-operated stapling apparatus of claim 18 comprising a handle attached to said head apparatus for positioning said head apparatus while driving the staples from said head apparatus.

22. The hammer-operated stapling apparatus of claim 21 comprising a hand guard provided on said handle for shielding the hand from said force applied to said plunger.

23. A hammer-operated stapling apparatus for sequentially driving staples in a staple cartridge, comprising a magazine; a head attached to one end of said magazine; a staple rail provided in said magazine for accepting the staple cartridge; a follower slidably mounted on said staple rail and a spring provided in said magazine for engaging said follower and urging said follower against the staple cartridge and the staple cartridge against said head; a plunger reciprocally disposed in said head for driving the staples from the staple cartridge and said head responsive to application of a force on said plunger; and a handle carried by said head for positioning said head while driving the staples from said head.

24. The hammer-operated stapling apparatus of claim 23 comprising a hand guard provided on said handle for shielding the hand from said application of a force on said plunger.

25. The hammer-operated stapling apparatus of claim 23 comprising means engaging said staple rail and said magazine for removably mounting said staple rail in said magazine.

26. The hammer-operated stapling apparatus of claim 23 comprising a plunger spring provided on said plunger for urging said plunger away from said head apparatus.

27. The hammer-operated stapling apparatus of claim 23 comprising a magazine cover pivotally carried by said magazine for closing said magazine and enclosing the staples on said staple rail.

28. The hammer-operated stapling apparatus of claim 27 comprising means engaging said staple rail and said magazine for removably mounting said staple rail in said magazine and a spacer removably mounted on said magazine cover and spaced from the staples for stabilizing the staples on said staple rail.

29. The hammer-operated stapling apparatus of claim 28 comprising:

(a) a hand guard reversibly provided on said handle for shielding the hand from said

application of a force on said plunger; and

(b) a plunger spring provided on said plunger for urging said plunger away from said head apparatus.

30. A hammer-operated stapling apparatus for driving staples of selected size glued together in a staple cartridge, comprising a magazine; a staple rail mounted in said magazine for supporting the staple cartridge; a magazine cover pivotally carried by said magazine for enclosing the staple cartridge on said staple rail; a follower slidably mounted on said staple rail for contacting one end of the staple cartridge; a spring engaging said follower for biasing said follower against the staple cartridge; a head apparatus provided on one end of said magazine for receiving the staples in the staple cartridge in sequence; a plunger reciprocally mounted in said head apparatus for contacting the staples in said head apparatus and driving the staples in sequence from said head apparatus responsive to a force applied to said plunger; and a plunger spring provided on said plunger for urging said plunger away from said head apparatus.

31. The hammer-operated stapling apparatus of claim 30 wherein said head apparatus comprises a back head carried by said magazine for receiving the staples in sequence; a front head spaced from said back head; and a pair of spaced-apart staple gauge spacers interposed between said back head and said front head to define a staple staging space for receiving said plunger and accommodating the staples in sequence prior to application of said force to said plunger.

32. The hammer-operated stapling apparatus of claim 31 wherein said staple rail is removably mounted in said magazine and comprising a spacer removably mounted on said magazine cover and spaced from said staples for stabilizing the staples on said staple rail.

33. The hammer-operated stapling apparatus of claim 32 comprising a handle reversibly

carried by one of said staple gauge spacers for positioning said front head and said back head while driving the staples from said back head and said front head.

34. The hammer-operated stapling apparatus of claim 33 comprising a hand guard provided on said handle for shielding the hand from said force applied to said plunger.